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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/606,570
Filing Date	6/26/2003
First Named Inventor	CAREW, DENNIS
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JAR		US- 4,006,847	02-08-1977	DOOLEY, DAN W.	COL. 1 LNS 5-15
		US-			COL. 1 LNE 61-COL. 2 L. 45
		US-			COL. 2 LNE 41-COL. 4 LNE 53
		US-		Paulsen et al.	FIGURE 2
JAR		US- 4,650,099	03-17-1987	THOMAS, LAWRENCE E.	COL. 1 LNE 6-14
		US-			COL. 1 LNE 85-60
		US-			COL. 2, LNE 19 → COL. 4 LNE 35
		US-			FIGURES 1-4
JAR		US- 4,494,677	01-22-1985	FALCOFF, ALLAN F.	COL. 2, LNE 14-COL. 4 LNE 32
		US-			FIGURES 1, 2
JAR		US- 4,974,755	12-04-1990	SONNATAG, DONALD W.	COL. 4, LNE 27 → COLUMN 8
		US-			LNE 28, FIGS 1-5
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number * Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JAR		FR 2 576 644	08-01-1986	YSEBAERT SA	ABSTRACT, FIGURE 2	

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10/7/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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